

Epidemiology and Clinical Characteristics of Individuals With Hepatitis C Virus Infection in the United States, 2017 to 2019

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SUPPLEMENTARY MATERIALS

Supplemental Table 1. Region of residence

Region of residence	States included in each region
East	Connecticut Delaware Maine Massachusetts New Hampshire New Jersey New York Pennsylvania Puerto Rico Rhode Island Vermont
Midwest	Illinois Indiana Iowa Kansas Michigan Minnesota Nebraska North Dakota Ohio South Dakota Wisconsin
South	Alabama Arkansas District of Columbia Florida Georgia Kentucky Louisiana Maryland Mississippi Missouri North Carolina Oklahoma South Carolina Tennessee Texas Virginia West Virginia
West	Alaska Arizona California Colorado

	Hawaii Idaho Montana Nevada New Mexico Oregon Utah Washington Wyoming
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Supplemental Table 2. Predictive performance of the machine learning algorithms and summary of SVR/cured predictions between 2017 and 2019 in SHS dataset and the 2 laboratory databases

Dataset	Year 2017 SVR	Year 2018 SVR	Year 2019 SVR
Accuracy	0.995	0.989	0.991
Sensitivity	0.999	0.999	0.999
Specificity	0.911	0.669	0.805
SVR in Each Dataset			
SHS – as observed	94.7%	96.7%	95.8%
SHS – predicted	95.1%	97.8%	97.6%
Laboratory dataset 1 – predicted	95.5%	96.5%	96.0%
Laboratory dataset 2 – predicted	95.4%	96.7%	95.9%

SHS, Symphony Health Solutions (SHS) medical and pharmacy claims dataset; SVR, sustained virologic response.